

Request for Board Action

REFERRED TO BOARD: February 2, 2015

AGENDA ITEM NO: 6

ORIGINATING DEPARTMENT: Fire Department

SUBJECT: Consideration of a Resolution Authorizing the Mayor to execute a lease agreement with Motorola Solutions, Inc. for use of a portion of the East water tower for the purpose of hosting radio communications and antennae equipment.

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

STARCOM21 is the official statewide public safety radio network of Illinois. STARCOM21 is a Project 25 compliant 700/800 MHz IP based radio system with over 270 radio tower sites across the state. More than 43,000 subscribers including public safety agencies, municipalities, counties and universities utilize this highly reliable high-speed mobile connectivity statewide. The STARCOM21 network platform is operational on Motorola's radio systems platform.

Lake County is in the process of building a full county wide communications network using the STARCOM21 platform. As part of this project, several new radio tower sites are being installed throughout Lake County. The Antioch Water Tower site is of great benefit to the Lake County system wide operation of the STARCOM21 network. In addition, the Village of Antioch will benefit from strong radio signal coverage in the 700/800 MHz band. This creates the infrastructure for future migration by the Village Police, Fire and Public Works departments to STARCOM21.

As part of this project, Motorola Solutions will construct a communications hut at the base of the tower. Motorola has made provision, as part of this lease, to allow the Village of Antioch to co-locate any necessary communications or data network hardware within the communications hut.

FINANCIAL IMPACT: \$0

DOCUMENTS ATTACHED:

1. Resolution
2. Lease Agreement

RECOMMENDED MOTION:

Move to approve a Resolution Authorizing the Mayor to execute a lease agreement with Motorola Solutions, Inc. for use of a portion of the East water tower for the purpose of hosting radio communications and antennae equipment.

RESOLUTION 15 - _____

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A LEASE AGREEMENT WITH MOTOROLA SOLUTIONS, INC. FOR USE OF A PORTION OF THE EAST WATER TOWER FOR THE PURPOSE OF HOSTING RADIO COMMUNICATIONS AND ANTENNEA EQUIPMENT

WHEREAS, the Village of Antioch owns a water tower located at 19300 West Route 173, and;

WHEREAS, Lake County is in the process of building an enhanced public safety radio network as part of the statewide STARCOM21 system, and;

WHEREAS, Motorola Solutions, Inc. is building the infrastructure for this radio network, and;

WHEREAS, establishing a radio network at our water tower is of great benefit to the reliable operation of the Lake County STARCOM21 system, and;

WHEREAS, the Village of Antioch Police, Fire, EMS and Public Works departments shall also have great benefit through future access to the Lake County STARCOM21 system, and;

WHEREAS, the exact location of the building and related structures necessary to support operations of an antenna at that location have not yet been finalized, and

WHEREAS, resolving any engineering conflicts with existing and planned installations in the area around the said water tower is critically important to ensure that the installations do not overlap or are located so as to cause service disruptions or rebuilding at some future time,

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE MAYOR AND VILLAGE BOARD OF TRUSTEES OF THE VILLAGE OF ANTIOCH, LAKE COUNTY, ILLINOIS, AS FOLLOWS:

SECTION ONE: The Administrator is directed to coordinate with Motorola Solutions and its agents, as well as with all other necessary persons to ensure that the finalized plans for the proposed installations at the water tower site are appropriate for current and future needs, and

SECTION TWO: Once the foregoing potential conflicts are resolved, and finalized drawings drafted to the satisfaction of the Administrator, the Mayor and all other necessary village officials are hereby authorized and directed to execute an agreement with Motorola Solutions, Inc. to for the leased used of portions of the water tower for the communications network in the form attached as Exhibit A hereto, together with the said finalized drawings and installation plans.

Village of Antioch, Illinois

ADOPTED by the Mayor and Village Board of Trustees of the Village of Antioch, Lake County, Illinois, and this 2nd day of February, 2015.

APPROVED this _____ day of _____, 2015

AYES:
NAYS:
ABSENT:

Lawrence M. Hanson, Mayor

ATTEST:

Lori K. Folbrick, Village Clerk

DRAFT